

**AUFENAST et al**  
**U.S. National Phase of PCT/GB2004/001340**

**AMENDMENTS TO THE ABSTRACT**

Please insert the Abstract of the Disclosure which is on the attached sheet.

## **ABSTRACT OF THE DISCLOSURE**

The line test apparatus includes a PC (5) which stores known line test signature parameters for a number of known fault conditions in which by application of varying signals to a line pair (2,3) under test and capturing parameters during a period in which varying signals are applied to the line via a test head (1), an estimate of the state of the line can be made. A remote unit (6) located at a switch or exchange may also be used to complete the automated scanning of parameters of a line in response to various electrical stimuli. The invention is particularly effective at determining faults which are "dynamic" as well as those which are permanent until repaired.